

PUBLIC WORKS COMMISSION

MEETING PACKET

FOR THE MEETING OF

MARCH 29, 2023

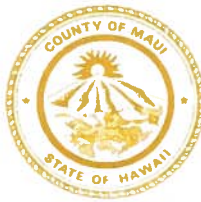
AGENDA ITEM B.1

RICHARD T. BISSEN, JR.
Mayor

KEKUHAUPIO R. AKANA
Acting Managing Director

JORDAN MOLINA
Acting Director

WENDY TAOMOTO, P.E.
Deputy Director



WADE SHIMABUKURO, P.E.
Development Services Administration

RODRIGO "CHICO" R. RABARA, P.E.
Engineering Division

JOHN R. SMITH, P.E.
Highways Division

Telephone: (808) 270-7845
Fax: (808) 270-7955

DEPARTMENT OF PUBLIC WORKS
COUNTY OF MAUI
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAI'I 96793
www.mauicounty.gov/publicworks

MEMORANDUM

TO: MICHAEL SILVA, PUBLIC WORKS COMMISSION CHAIR
AND MEMBERS OF THE PUBLIC WORKS COMMISSION

FROM: JORDAN MOLINA, ACTING DIRECTOR OF PUBLIC WORKS *JM*

DATE: MARCH 9, 2023

SUBJECT: **PUBLIC WORKS COMMISSION AGENDA REQUEST
RECOGNITION OF OUTGOING MEMBERS**

The Department would like to recognize Michael Silva whose term expires March 31, 2023. Chair Silva has served the Commission since April 2018. The Department extends deep appreciation for your service to our community.

The Department would also like to recognize Laureen Anne Kaneta whose term expires March 31, 2023 but has also accepted a re-appointment to the Public Works Commission through March 31, 2028.

On behalf of the County of Maui, Chair Silva and Member Kaneta will be receiving letters and certificates signed by Mayor Bissen recognizing your service to the community.

JM/sec

AGENDA ITEM C.1

**PUBLIC WORKS COMMISSION
ACTION MINUTES
February 22, 2023**

A. CALL TO ORDER

The regular meeting of the Public Works Commission was called to order by Chair Silva at 1:32 p.m., Wednesday, February 22, 2023, via a BlueJeans online video conference, Meeting ID 767 671 039.

A quorum of the Commission was present. (See Record of Attendance.)

B. NEW MEMBER INTRODUCTION – LAUREEN KANETA

Chair Silva acknowledged and welcomed Member Kaneta to the Commission.

C. ACCEPTANCE OF MEETING MINUTES

The Commission unanimously approved acceptance of the November 16, 2022 meeting minutes.

D. PUBLIC TESTIMONY

None.

E. NEW BUSINESS

1. Revised Street Naming Application for additional streets for the Mahinahina Mauka Subdivision Phase I, TMK: (2) 4-3-001:083. The Commission may provide recommendations on the application.

Acting Director Molina introduced the two new proposed street names:

1. Pulelehua Hale Road
2. Moani `Ikena Road

Mr. Watanabe clarified that the names can be considered as they have not already been used. Acting Director Molina noted that Commissioner Kawa`a was absent but the department routinely references the Hawaiian Dictionary and found the proposed names to be appropriate. Acting Director Molina also noted that with Hawaiian names, the dictionary translation should be used along with other resources to ensure correct meaning, spelling, and use.

Commissioner Berlien inquired if the Commission could give a conditional approval since Commissioner Kawa`a was absent and wasn't sure if there were issues with spelling or translation. Commissioner Berlien suggested that final approval be sent via email after Commissioner Kawa`a reviewed the application.

Corporation Counsel Hopper advised that any discussion on an agenda item must be vetted in an open meeting. Since there was quorum, the Commission could recommend approval or defer until Commissioner Kawa`a could join the discussion.

Acting Director Molina requested to defer item E.1 to after item E.2 to see if Commissioner Kawa'a could join the meeting within the next few minutes.

Motion to move item E.1 to after item E.2 was made by Commissioner Berlien and seconded by Commissioner Namoa-Hanusa. The motion carried unanimously.

2. Presentation from the Department of Public Works on department operations, responsibilities, and duties.

Acting Director Molina presented a Powerpoint presentation and asked for a five-minute recess to address technical issues (Powerpoint slides not advancing on Bluejeans).

Chair Silva called a recess at 1:54 pm. Reconvened at 1:59 pm.

Acting Director Molina continued with Powerpoint presentation. Chair Silva asked if there was any public testimony; none seen, public testimony closed at 2:24 pm.

Chair Silva thanked Acting Director Molina for the presentation and encouraged discussion on items within the Public Works Department and the Commission's authority.

Commissioner Namoa-Hanusa asked if Public Works regulates the heights of buildings in residential areas and gave an example of a house in Napili.

Acting Director Molina explained that the Planning Department's Zoning Code regulates the height of the building while Public Works' Building Code dictates the safety and structure of the building.

Commissioner Namoa-Hanusa inquired if the large vacancy rate in the Department was due to the COVID-19 vaccine requirement. Director Molina said there was no COVID-19 restrictions on employment and there are various factors for the high vacancy rate.

Commissioner Berlien commented that he volunteers on a non-profit board and wanted to add that in order to help with high vacancy rates, housing for the working people and vocational training must be provided so people can afford to live here.

Commissioner Derek Ono asked about the timeline for the Flood Program transfer to be complete. Acting Director offered that the personnel transfer and ordinance update should be completed by the end of the year.

Commissioner Berlien suggested collaboration for using MAPPS with architects and consultants since they are the end users of the program.

Acting Director Molina introduced Deputy Director Wendy Taomoto to the Commission. Deputy Director Taomoto gave a brief introduction and thanked the members for their service. Deputy Taomoto also acknowledged Mayor Bissen's spotlight on Engineers all week with a Facebook series meeting several County Engineers.

Chair Silva inquired of Acting Director Molina of an estimated date for confirmation of appointment as Director; Acting Director shared that the nomination passed the GREAT Committee on Tuesday and will be referred to the full Council, most likely at the March 10, 2023 meeting. Chair Silva offered good luck and congratulations.

F. AGENDA SETTING FOR NEXT MEETING

The next meeting agenda will include the following items:

1. Deferred from February 22, 2023 meeting: Revised Street Naming Applications for additional streets for the Mahinahina Mauka Subdivision Phase I, TMK: (2) 4-3-001:083
2. Request by Vice-Chair Ono: Presentation from the Department of Public Works on subdivision standards and standard details; drainage rules standards overview; standard details overview and effort to update standards.
3. Request by Chair Silva: Discuss update/status of the Outdoor Lighting Ordinance and the conversion project.
4. Request by Member Berlien: Discuss encampments on roadways; i.e. Holomua Road; concern for cost of mitigations such as adding streetlights. And, to discuss MAPPS and building permit concerns. **Not currently within the purview of the Commission but could be pursued.*

Acting Director noted that Chair Silva's term ends at the end of March. Chair Silva's request to discuss the Outdoor Lighting Ordinance will be a priority for the next meeting.

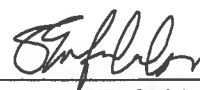
G. NEXT MEETING DATE: Wednesday, March 29, 2023, at 1:30 p.m.

The Commission agreed to conduct the next meeting remotely.

H. ADJOURNMENT

The meeting adjourned at 2:42 p.m.

Submitted by,



Summer Enfield-Carlos
Private Secretary

2/23/23

Date

RECORD OF ATTENDANCE**Present (Location, Other persons)**

Derek Ono (Remotely from work office, alone)
Michael Silva (Remotely from work office, alone)
Noah Walin (Remotely from work office, alone)
Joshua Berlien (Remotely from work office, alone)
Jack Freitas (Remotely from work office, alone)
Laureen Kaneta (Remotely from home, alone)
Stacy Otomo (Remotely from work office, alone)
Pelenatita Namoa-Hanusa (Remotely from home, alone)

Absent

Luana Kawa`a

Excused

Nathan Ignacio

Others

Jordan Molina, Acting Director of Public Works
Wendy Taomoto, Deputy Director of Public Works
Kurt Watanabe, Department of Public Works, Engineering Division
Michael Hopper, Department of the Corporation Counsel
Summer Enfield-Carlos, Department of Public Works Support Staff
Charmaine Keaweehu, Department of Public Works Support Staff

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AGENDA ITEM E.1

RICHARD T. BISSEN, JR.
Mayor

KEKUHAPPIO R. AKANA
Acting Managing Director

JORDAN MOLINA
Acting Director

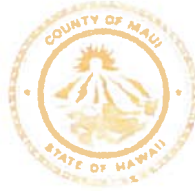
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Telephone: (808) 270-7745
Fax: (808) 270-6267



**DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION**

COUNTY OF MAUI
200 SOUTH HIGH STREET, ROOM NO. 410
WAILUKU, MAUI, HAWAII 96793

MEMORANDUM

TO: MICHAEL SILVA, PUBLIC WORKS COMMISSION CHAIR
AND MEMBERS OF THE PUBLIC WORKS COMMISSION

FROM: JORDAN MOLINA, ACTING DIRECTOR OF PUBLIC WORKS *gm*

DATE: JANUARY 24, 2023

SUBJECT: PUBLIC WORKS COMMISSION AGENDA REQUEST
REVISED STREET NAMING APPLICATION
MAHINAHINA MAUKA SUBDIVISION PHASE 1 (LAHAINA, MAUI, HI)
TMK: (2) 4-3-001:083

The Department of Public Works is transmitting for your review and recommendation, a revised street naming application for the subject subdivision's roadways. Upon initial review, all the proposed and alternate street names provided may be considered.

Please note that the Commission previously approved the proposed street names Pōhākea Street and Kealoha Avenue at its meeting on April 27, 2022 and expressed no objection to the alternate street names Alahele Drive, Kamaluhia Lane, and 'Ulī'ulī Road.

The revised application includes two (2) new proposed street names, Pulelehua Hale Road and Moana 'Ikena Road, and one (1) revised proposed street name Koholāhula Drive which was revised in response to the Commission's comments on the original application. The revised application also contains two (2) new alternate street names Waioha Drive and Hau'oli'oli Road.

The applications for the roadway and overall site map are attached.

Mr. Mike Silva, PWC Chair

**SUBJECT: PUBLIC WORKS COMMISSION AGENDA REQUEST
REVISED STREET NAMING APPLICATION
MAHINAHINA MAUKA SUBDIVISION PHASE 1 (LAHAINA, MAUI, HI)
TMK: (2) 4-3-001:083**

January 24, 2023

Page 2 of 2

Recommendation and Options

The Department of Public Works requests recommendation from the Public Works Commission. The commission has the following options:

1. Recommend approval of this request.
2. Recommend denial of this request.

JM/KW (ED23-0023)

Attachments

cc: Traffic Section (electronic w/o attachments)

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COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
200 S. HIGH STREET
WAILUKU, HAWAII 96793

APPLICATION FOR NAMING AND RENAMING COUNTY STREETS

Mahinahina Mauka Subdivision - Phase I		4.1027
Subdivision Name		DSA Subdivision File No.
Maui Oceanview, LP		(2) 4-3-01: 083
Developer/Owner Austin Tsutsumi & Associates, Inc. (Adrienne W.L.H. Wong, P.E.)		Tax Max Key No.
Applicant Name	Applicant Signature	Date
1871 Wili Pa Lp., Suite A, Wailuku, HI 96793		(808) 244-8044
Mailing Address		Telephone No.
Proposed Names Selected By:	Maui Oceanview, LP (Paul Cheng)	(217) 731-9208
	Name	Telephone No.

APPLICATION REQUIREMENTS

Applicants are required to submit **twelve (12) copies of the typed application and supporting documents** to the Department of Public Works, Engineering Division. The following supporting documents must be attached to the application:

1. Completed Street Name Listing provided on the next page of application. Applicants shall indicate the Street Ownership as either public or private and shall indicate whether private streets are intent to remain private or be dedicated to the County of Maui.
2. Subdivision plat or site plan showing the layout of streets being named or renamed relative to existing or future roadways and subdivision lots. Plat shall be 8-1/2" x 11" in size, to scale, legible, and dated, and shall show street numbers and proposed street names as identified on the application's Street Name Listing.
3. Explanation of the significance of the proposed names and, if applicable, the purpose for renaming the streets.

STANDARDS FOR STREET NAMING AND RENAMING (SECTION 2.98.040, MAUI COUNTY CODE)

Streets shall be named in the Hawaiian Language with appropriate diacritical marks and whenever possible have a meaning that relates to the area's historic significance or follows a uniform theme (i.e. fish, flowers, people, etc.). The reference text for Hawaiian language, place names, and persons shall be the most recent edition of the Hawaiian Dictionary by Pukui/Elbert, and Ulukau, the Hawaii Electronic Library, available online at ulukau.org.

Using a street name more than once on any island shall be avoided as much as practical. Private street names shall not closely resemble existing public streets. Existing streets shall retain the name which has been historically accepted through common usage unless the street is renamed by the Maui County Council.

The Public Works Commission shall review applications for naming new public and private streets and provide its recommendations to the Director of Public Works for approval or denial.

The Public Works Commission and the Cultural Resources Commission shall review applications for renaming existing public or private streets and provide recommendations to the Maui County Council. The Council may adopt, modify, or reject the recommendations. Approval of a street name shall be by resolution.



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
200 S. HIGH STREET
WAILUKU, HAWAII 96793

APPLICATION FOR NAMING AND RENAMING COUNTY STREETS

Approved Names in BOLD

STREET NAME LISTING

Please provide the proposed street names and an alternate street name for each proposed name (use additional sheets if necessary):

Street No.	Existing Street Name	Proposed Street Name and English Translation	Alternate Street Name and English Translation	Street Ownership
1.(A)	N/A	Pulelehua Hale RD - Butterfly House	Waioha DR - Joy	Private & to remain private
2.(B)	N/A	Koholāhula DR - Dancing Whales	'Ulu' ulu RD - a gourd rattle, containing seeds with colored feathers at the top	Private & to remain private
3.(C)	N/A	Pōhakea ST - White Stone, as limestone	Alahele DR - pathway, route, road, way to go	Private & to remain private
4.(D)	N/A	Kealoha AVE - Love	Kamalahia LN - Relaxing, laid back, chilling	Private & to remain private
5.(E)	N/A	Moana 'Ikena RD - Ocean View	Hau' oli' oli RD - Happiness	Private & to remain private

If a Hawaiian name or English translation is unacceptable, the applicant authorizes the Public Works Commission or the Director of Public Works to amend the street names as necessary for approval: YES [] NO [X]



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
200 S. HIGH STREET
WAILUKU, HAWAII 96793

APPLICATION FOR NAMING AND RENAMING COUNTY STREETS

Mahinahina Mauka Subdivision - Phase 1		4.1027
Subdivision Name		DSA Subdivision File No.
Maui Oceanview, LP		(2) 4-3-01: 083
Developer/Owner		Tax Max Key No.
Kimley-Horn (Thomas G. Coppin, P.E.)	<i>Thomas G. Coppin</i>	2-22-22
Applicant Name		Date
6160 Warren Parkway, Suite 210, Frisco, TX 75034		972-731-3814
Mailing Address		Telephone No.
Proposed Names		
Selected By:	Maui Oceanview, LP (Paul Cheng)	217-731-9208
	Name	Telephone No.

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COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
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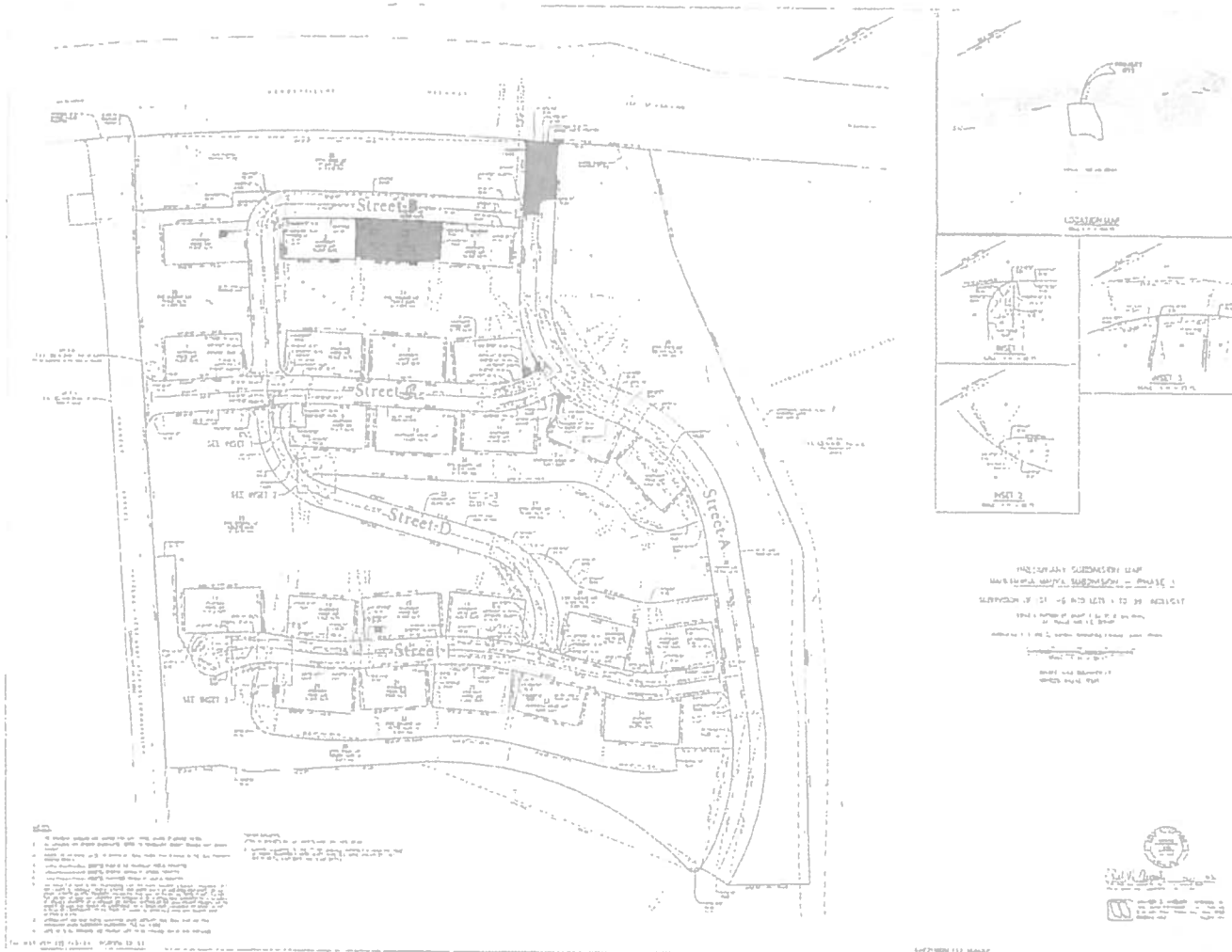
APPLICATION FOR NAMING AND RENAMING COUNTY STREETS

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Please provide the proposed street names and an alternate street name for each proposed name (use additional sheets if necessary):

Street No.	Existing Street Name	Proposed Street Name and English Translation	Alternate Street Name and English Translation	Street Ownership
1.(A)	N/A	Pulelehua Dr - Butterfly	Hulakohola Dr - Dancing Whales	Private & to remain private
2.(B)	N/A	Alani St - Orange Butterfly	Pu'uani St - Beautiful Hills	Private & to remain private
3.(C)	N/A	Pōhākea St - White Stone, as Limestone	Alahele Dr - Pathway, route, way to go	Private & to remain private
4.(D)	N/A	Kealoha Ave - Love	Kamaluhia Ln - Relaxing, laid back, chilling	Private & to remain private
5.(E)	N/A	Kekalohe Rd - LCA 4248	'Uli'uli Rd - A gourd rattle, containing seeds with colored feathers at the top	Private & to remain private

If a Hawaiian name or English translation is unacceptable, the applicant authorizes the Public Works Commission or the Director of Public Works to amend the street names as necessary for approval: **YES** [] **NO** [X]



MICHAEL P. VICTORINO
Mayor

JORDAN MOLINA
Director

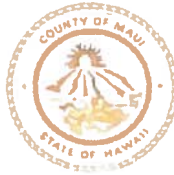
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COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII, 96793

May 16, 2022

Transmitted Electronically: tom.coppin@kimley-horn.com

Maui Oceanview LP
c/o Mr. Thomas G. Coppin, P.E.
Kimley-Horn
6160 Warren Parkway, Suite 210
Frisco, Texas 75034

Dear Mr. Coppin:

**SUBJECT: APPLICATION FOR NAMING AND RENAMING COUNTY STREETS
MAHINAHINA MAUKA SUBDIVISION – PHASE I
SUBDIVISION 4.1027
TMK: (2) 4-3-001:083**

Your application has not been approved. The Public Works Commission at its meeting of April 27, 2022 voted unanimously to recommend approval of the street names Pōhākea Street, Kealoha Avenue, and 'Uli'uli Road and to recommend disapproval of the proposed names Pulelehua Drive, Hulakohola Drive, Alani Street, Pu'uani Street, and Kekalohe Road for the reasons as follows:


- The Department noted that the proposed names Pulelehua Drive and Alani Street and to the alternate name Pu'unani Street are existing street names.
- The Commission's Hawaiian Language Expert noted that the alternate name Hulakohola Drive does not grammatically translate to mean dancing whales as proposed by the applicant. The correct translation for dancing whales is Koholāhula.
- The Commission's Hawaiian Language Expert noted additional information on the proposed translation for the proposed name Kekalohe Road is required to determine whether its spelling and grammar are correct.
- The Commission's Hawaiian Language Expert noted that the alternate name Pu'uani Street does not grammatically translate to mean beautiful hills as proposed by the applicant. The correct translation for beautiful hills is Pu'unani.

Your application indicated that you did not authorize the Commission to amend the proposed names as necessary for approval. Therefore, your application is being returned disapproved. Please review and resubmit your application for reconsideration.

Maui Oceanview LP
c/o Mr. Thomas G. Coppin, P.E.
May 16, 2022
Page 2

If you have any questions regarding this matter, please call Nolly Yagin at (808) 270-7745.

Sincerely,



JORDAN MOLINA
Director of Public Works

JM:jso
Enclosure

xc: Development Services Administration
Engineering Division

S:\ALL\Public Works Commission\STREET NAMING\2022 Street Naming Applications\22-001 Mahinahina Mauka Subdivision - Phase I\Street Name Approval Mahinahina Mauka Subdivision Phase I.docx

MICHAEL P. VICTORINO
Mayor

JORDAN MOLINA
Director

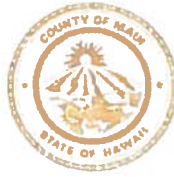
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Fax: (808) 270-7855



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII, 96793

May 16, 2022

Transmitted Electronically: paul@usainvestments.com

Mr. Paul Chen
Maui Oceanview LP
4950 Westgrove Dr., Suite 105
Dallas, TX 75248

Dear Mr. Chen:

**SUBJECT: APPLICATION FOR NAMING AND RENAMING COUNTY STREETS
MAHINAHINA MAUKA SUBDIVISION – PHASE I
SUBDIVISION 4.1027
TMK: (2) 4-3-001:083**

The Department is in receipt of your correspondence dated July 26, 2022, attached hereto for reference, responding to the Department's disapproval of your application. As was requested in our correspondence dated May 16, 2022, please resubmit a revised street naming application for review by the Public Works Commission.

Additionally, in your correspondence you propose the use of Pu'unani Street. Please note that Pu'unani Street is an existing street name and is not eligible for use in your application.

If you have any questions regarding this matter, please contact me at (808) 270-7845.

Sincerely,

JORDAN MOLINA
Director of Public Works

JM:jm

Enclosure

xc: Development Services Administration
Engineering Division
Thomas Coppin, tom.coppin@kimley-horn.com

RECEIVED

Maui Oceanview LP
4950 Westgrove Dr, Suite 105
Dallas, TX 76248

O: (214) 731-9208

22 JUL 26 P3:45

COUNTY OF MAUI
PUBLIC WORKS

July 26, 2022

Jordan Molina

**Department of Public Works
200 South High Street, Room No. 434
Wailuku, Maui, Hawaii, 96793**

**MAUI™
OCEANVIEW**☐ RUSH

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DEPT. OF
PUBLIC
WORKS

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DIRECTOR

DEPUTY DIR

FISCAL ANALYST

PERSONNEL

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ENGR.

H.M.Y.

SECTY.

APPLICATION FOR NAMING AND RENAMING COUNTY STREETS

MAHINAHINA MAUKA SUBDIVISION – PHASE I

SUBDIVISION 4.1027

TMK: (2) 4-3-001:083

Aloha,

Maui Oceanview LP is writing this letter in regard to our street naming application originally submitted to the department of Public Works on February 25, 2022 by our agent, Tom Coppin, for the Mahinahina Mauka Subdivision – Phase I.

On May 16th, 2022, we received a letter from the Director of Public Works, Jordan Molina, stating our application has not been approved. After recent phone conversation with Nolly Yagin, we have been instructed to formally send in our response via this letter in order to properly resolve this matter. Tom Coppin, whom the disapproval letter was originally sent to, will also be sending Public Works an electronic version of this letter via email.

We appreciate the time the board has taken in reviewing our application, and acknowledge the comments provided. As relayed in the disapproval letter, it is our understanding that 3 names have been approved so far, and all others have been disapproved for various reasons.

Of the names disapproved, there were 2 names indicated by Public Works to be incorrectly spelled, and the Commission's Hawaiian Language Expert kindly provided the correct spellings for our review. These include the following:

- *Hulakohola DR* (original) changed to *Koholāhula DR* (corrected) meaning "Dancing Whales"
- *Pu'uani ST* (original) changed to *Pu'unani ST* (corrected) meaning "Beautiful Hills"

Maui Oceanview LP
4950 Westgrove Dr, Suite 105
Dallas, TX 76248



O: (214) 731-9208

Maui Oceanview LP is very satisfied with these corrected spellings provided by Public Works, and we would like to utilize these corrected names in our subdivision.

With these names accepted, it is our understanding that our subdivision would have 5 total approved Hawaiian street names. This would be enough names to cover all 5 streets in our subdivision. Please see all 5 names below along with their respective English translations:

Street 1(A): Koholāhula DR → meaning "Dancing Whales"

Street 2(B): Pu'unani ST → meaning "Beautiful Hills"

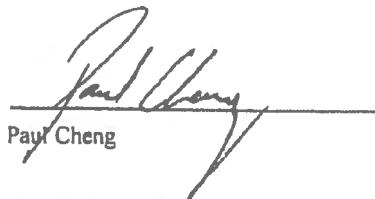
Street 3(C): Pōhākea ST → meaning "White Stone, as Limestone"

Street 4(D): Kealoha AVE → meaning "Love"

Street 5(E): 'Uli'uli RD → meaning "A gourd rattle, containing seeds with colored feathers at the top"

Please let us know if the department of Public Works needs anything else in order to approve our street name application. Once again, we appreciate the Commission's thorough review and consideration.

Mahalo for your time,



Paul Cheng

Principal
Maui Oceanview LP
4950 Westgrove Dr. Ste 105,
Dallas, TX 75248

M: (214) 731-9208

AGENDA ITEM E.2

RICHARD T. BISSEN, JR.
Mayor

KEKUHAUPIO R. AKANA
Acting Managing Director

JORDAN MOLINA
Acting Director

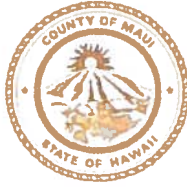
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Development Services Administration

RODRIGO "CHICO" R. RABARA, P.E.
Engineering Division

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**DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
COUNTY OF MAUI**

**200 SOUTH HIGH STREET, ROOM NO. 410
WAILUKU, MAUI, HAWAII 96793**

MEMORANDUM

TO: MICHAEL SILVA, PUBLIC WORKS COMMISSION CHAIR
AND MEMBERS OF THE PUBLIC WORKS COMMISSION

FROM: JORDAN MOLINA, ACTING DIRECTOR OF PUBLIC WORKS *JM*

DATE: FEBRUARY 16, 2023

SUBJECT: PUBLIC WORKS COMMISSION AGENDA REQUEST
STREET LIGHT INSTALLATION APPLICATIONS
215 AND 236 LEPOKO PLACE (WAILUKU, MAUI, HI)
TMK: (2) 3-4-017:108-0000 AND (2) 3-4-017:104-0000

The Department of Public Works is transmitting for your review and recommendation, two applications requesting the installation of new street lights on existing utility pole #E1-1, fronting 215 Lepoko Place, and on existing utility pole #E1-3 fronting 236 Lepoko Place, in Wailuku, Maui – please see attached maps and applications. The requestor has obtained the required amount of property owner approval signatures for both applications. The requestor cites safety and darkness as the primary reason for the requests. Also included is a photo taken at night from the requestor's driveway (212 Lepoko Place) looking northwest towards the Wailuku River and the end of Lepoko Place.

Recommendation and Options

The Department of Public Works requests recommendation from the Public Works Commission. The commission has the following options:

1. Recommend approval of this request.
2. Recommend denial of this request.

JM/KW (ED23-0080)

Attachments

cc: Traffic Section (electronic w/o attachments)



C/O COUNTY OF MAUI
Department of Public Works
ENGINEERING DIVISION
200 South High Street, 4th Floor
Wailuku, Maui, HI 96793

Tel: (808) 270-7745 FAX (808) 270-7975 EMAIL: public.works@co.mauai.hi.us

DATE: February 7, 2023

Request for Street Light(s) to be: (Check One)

[✓] Installed

[] Removed (See instructions)

[] Energized

☐ Deactivated

[] Retrofitted to Current Street Lighting Standards

[] Other (please specify on the lines below)

LEPOKO PLACE

Pole Number	#E1-1
1	1
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99	99
100	100

215 Lepoko Place, Waituku HI 96793

Tax Map Key # (TMK) 3-4-017:108-0000

Reason(s) for request: Inadequate lighting! It's too dark and dangerous in our daily lifestyle for the residents of Lepoto Pl.

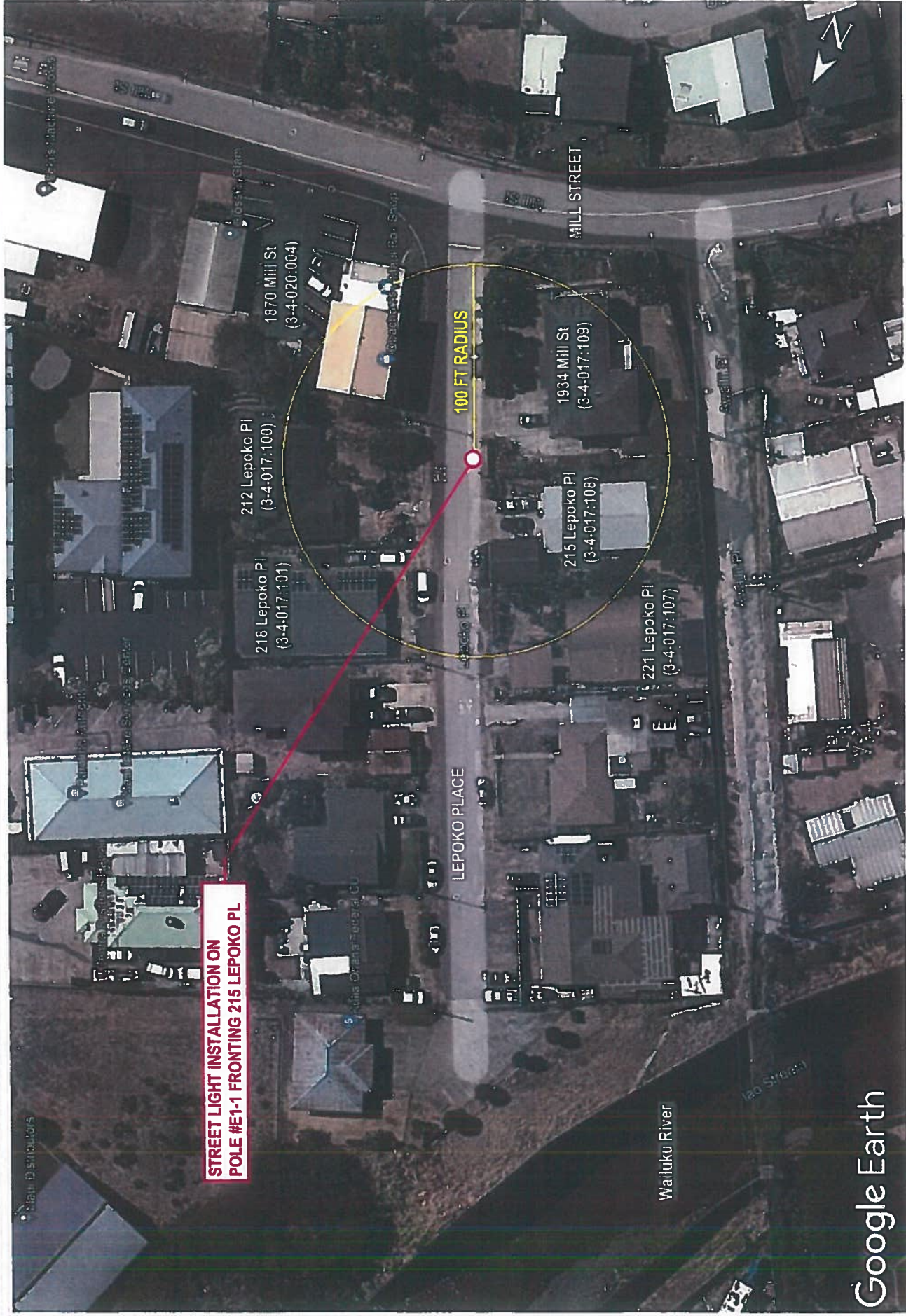
Approve	Object	Street Address	Phone #	E-mail	Print Name	Signature
✓		1870 NMI Street (3-4-020:004) POLE #E1-1	808-281-2386		Sharon Higa	Sharon Higa
✓		1934 NMI Street (3-4-017:109)	208-242945		Mj Tsiko Pihiga	Mj Tsiko Pihiga
✓		212 Lapoko Place (3-4-017:100)	808-359-8105	tofnut-96@gmail.com	Diane H. Murakami	Diane H. Murakami
✓		215 Lapoko Place (3-4-017:109)	808-281-6788	leimuakami33@gmail.com	Lory E. Murakami	Lory E. Murakami
✓		218 Lapoko Place (3-4-017:101)	808-281-7651	kimochung@gmail.com	Kim Chung	Kim Chung
✓		221 Lapoko Place (3-4-017:107)	808-2447300		Hiroko Fukuda	Hiroko Fukuda
✓			808-2642598	Jerald_murray@yahoo.com	Jerald Murray	Jerald Murray

Submitted by: Duane Murakami Name (Please Print)

Phone # (808) 359-8105

E-mail formu-96@gmail.com (Please Print)

Mailing Address: 212 Lepoko Place
Wailuku, HI 96793
(City, State) (Zip Code)



Google Earth

STREET LIGHT INSTALLATION REQUEST

215 Lepoko Place (WAILUKU)



PUBLIC WORKS COMMISSION

C/O COUNTY OF MAUI
Department of Public Works
ENGINEERING DIVISION
200 South High Street, 4th Floor
Wailuku, Maui, HI 96793

Tel: (808) 270-7745 FAX (808) 270-7975 EMAIL: public.works@co.maui.hi.us

DATE: February 7, 2023

Request for Street Light(s) to be: (Check One)

- ☒ Installed
☐ Removed (See instructions)
☐ Energized
☐ Deactivated
☐ Retrofitted to Current Street Lighting Standards
☐ Other (please specify on the lines below)

Street Name **LEPOKO PLACE**

Pole Number **#E1-3**

Location (full address) **236 Lepoko Place, Wailuku HI 96793**

Tax Map Key # (TMK) **3-4-017:104-0000**

Reason(s) for request: **Inadequate lighting! It's too dark and dangerous, in our daily lifestyle for the residents of Lepoko Pl.**

Approve	Object	Street Address	Phone #	E-mail	Print Name	Signature
<input checked="" type="checkbox"/>		POLE #E1-3				
<input checked="" type="checkbox"/>		227 Lepoko Place (3-4-017:108)	244-5456		Guy Hoehneke	
<input checked="" type="checkbox"/>		230 Lepoko Place (3-4-017:103)				
<input checked="" type="checkbox"/>		236 Lepoko Place (3-4-017:105)	281-7620 208-281-9338	ed@cyberexpress.com In2vinyl@yahoo.com	Chris Sotushige	
<input checked="" type="checkbox"/>		238 Lepoko Place (3-4-017:104)	808 281-4411	clark.tom1@gmail.com	Thomas L. Clark	
<input checked="" type="checkbox"/>		1997 Wai Pa Loop (3-4-020:079) 240 LEPOKO PL.	808 281-4411	clark.tom1@gmail.com	Thomas L. Clark	
<input checked="" type="checkbox"/>		Wai Pa Loop (3-4-020:080) 240 LEPOKO PL.	808 446-2974	Kcokik25@yahoo.com	CHAD K. KAPOPA	
<input checked="" type="checkbox"/>		234 LEPOKO				
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						

Submitted by:

Duane Murakami

Phone # (808) 359-8105

E-mail tom1@96@gmail.com
(Please Print)

Mailing Address:

212 Lepoko Place

Wailuku, HI
(City, State)

96793
(Zip Code)



STREET LIGHT INSTALLATION REQUEST

236 Lepoko Place (WAILUKU)



AGENDA ITEM E.3

OUTDOOR LIGHTING

Maui County Code

Title 20 – Environmental Protection,

Chapter 20.35

PRESENTED BY THE COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT SERVICES ADMINISTRATION – ELECTRICAL SECTION

Chapter 20.35 was originally created in 2006, and became effective on January 25, 2007 (Ordinance 3430)

1. Created 4 Classes of Outdoor Lighting.

1. Class I: Retail, Dining, Industrial, Recreational Uses.
2. Class II: Illumination of the Grounds, i.e. Parking Lots, Equipment Yards
3. Class III: Decorative Effects, i.e. Water Features, Landscape Lighting.
4. Class IV: Roadway Lighting.

2. Created Shielding Requirements.

3. Created the Maui County Outdoor Lighting Standards Committee

One of the Committees that evolved into the Public Works Commission.

4. The Original Ordinance did not regulate the light source.

Table 20.35.090 - Shielding Requirements and Usage Restrictions from Ordinance 3430

Lamp Type	Shielding Requirement	Usage Restrictions
<i>Class I</i>		
Augmented monochromatic	Fully shielded	None
Low pressure sodium	Fully shielded	None
Metal halide	Partially shielded	Off from 11:00 p.m. to sunrise*
All others	Fully shielded	None
<i>Class II</i>		
Augmented monochromatic	Fully shielded	None
Low pressure sodium	Fully shielded	None
All others (existing)	Fully shielded	None
All others (new)	Fully shielded	None
<i>Class III</i>		
Low pressure sodium	Fully shielded	None
High pressure sodium	Fully shielded	None
Neon	None	Off from 11:00 p.m. to sunrise*
Others	Fully shielded	None
<i>Class IV</i>		
Existing	Partially shielded	Off from 11:00 p.m. to sunrise*
Low pressure sodium	Fully shielded	None
High pressure sodium	Fully shielded	None

*These lights may be used between 11:00 p.m. and sunrise if business or recreational activities are taking place, but shall be turned off no later than one hour after conclusion of activities.

Most of the lighting was required to be Fully Shielded, but there were no restrictions on Light Sources.

Ordinance 5434, Amending Chapter 20.35, Relating to Protecting Wildlife and Preserving Dark Skies

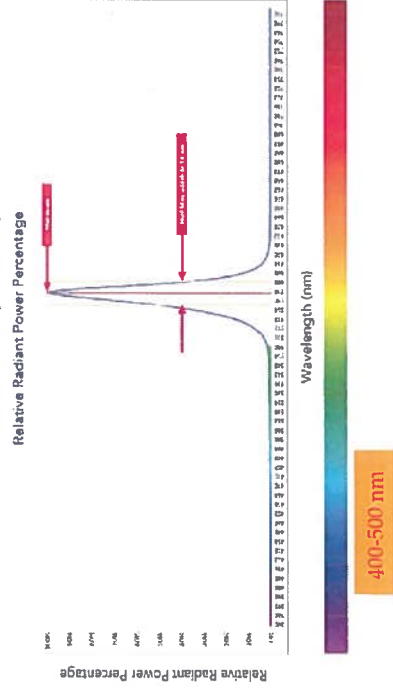
- Passed by Maui County Council on September 20, 2022, with an Effective Date of July 1, 2023.
- Restricts the Short Wavelength Content of Blue Light for Outdoor Lights to no more than 2%. Blue Light – Between 400 and 500 nanometers.
- Requires Outdoor Lights to be Fully Shielded and Prohibits Reflection off Polished or Glass Surfaces.
- Requires the Department of Public Works to Establish and Maintain a list of Compliant Light Fixtures.
- Requires the Department of Public Works to Adopt Administrative Rules Setting Height Restrictions for Outdoor Lights by July 1, 2024.

Ordinance 5434, Amending Chapter 20.35, Relating to Protecting Wildlife and Preserving Dark Skies

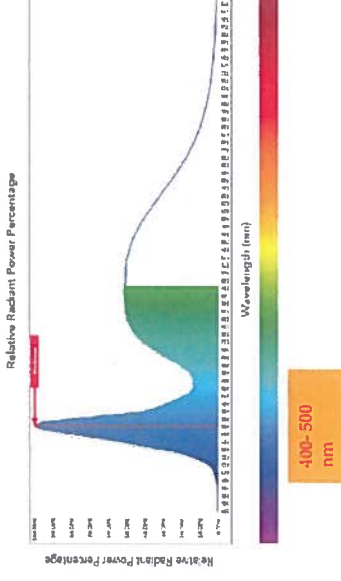
- Allows Limited Exemptions for Non-Oceanfront Single Family Dwellings, Duplexes & Townhomes and Affordable Housing Projects.
- Allows Exemptions for Sports Lighting, Special Events Lighting, But Not for Hotels and Transient Accommodations, and Oceanfront Properties.
- Deleted the Exemptions for Water Features.
- Deleted the Exemptions for Motion Sensor Controlled Lighting with Timed Turn-Off.
- Deleted the Exemptions for Federal & State Properties, such as State Airports & Harbors, Hawaiian Homelands and Conservation Districts.
- Deleted the Exemptions for Existing Outdoor Lighting. Requires All Existing Outdoor Lights to be Compliant by July 1, 2026.

2% Blue Light Content – 400 to 500 nm Spectral Power Distribution Curve

LIMITED WAVELENGTH (AMBLW) SPD CURVE



5000K LED SPD CURVE



- Images courtesy AcuityBrands.com

2% Blue Light Content – Amber LED vs White LED

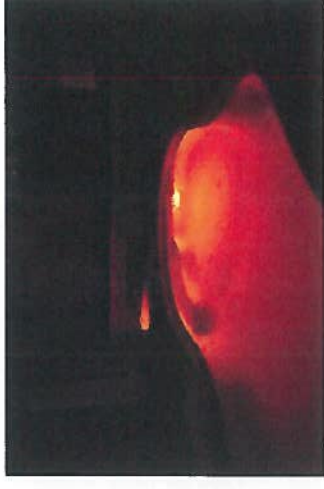


- Images courtesy AcuityBrands.com

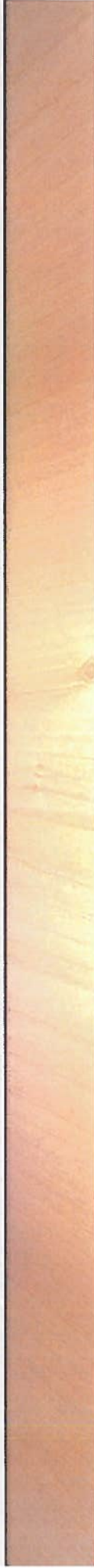


Swimming Pools and Water Features

Hotel & Coastal Residential Swimming Pools and Water Features will need to comply with the 2% Blue Light Limit.



Amber LED Roadway Lighting in Hilo, Hawaii



Compliant List of Luminaires

- Public Works Department is Required to Establish and Maintain a List of Compliant Luminaires. MCC 20.35.060 F.
- Blue Light Content and Spectral Power Distribution Curves are NOT provided by Lighting Manufacturers in Product Descriptions.
- Public Works Department is Searching for Wildlife Safe Lighting to Establish the List of Compliant Luminaires.
- Florida Fish and Wildlife Conservation Commission has a List of Certified Wildlife Lighting which meet Maui County's Requirements.
- The Market for Wildlife Safe Lighting is Small. Only a limited amount of Lighting Manufacturers Provide Wildlife Safe Lighting.
- Considering Bug Light Bulbs as an Affordable Option for Homeowners.

Florida Fish and Wildlife Conservation Commission

- <https://myfwc.com/conservation/you-protect/lighting/criteria/certified/>
- One of the Best Online Resources for Wildlife Safe Lighting.



Bug Light Bulbs – May be a Possible Option for Compliance

- Affordable, Convenient and Readily Available.



Administrative Rules that Set Height Restrictions for Outdoor Lighting

- Public Works Department is Required to Adopt Administrative Rules Setting Height Restrictions of Outdoor Lighting by July 1, 2024. MCC 20.35.060 E. 3.
- Includes All Types of Outdoor Lighting Covered under MCC Chapter 20.35
- Requires reviewing County, State and Federal Lighting Standards and Regulations to Avoid Conflicts.
- Requires following Administrative Rule Making Laws and Procedures.

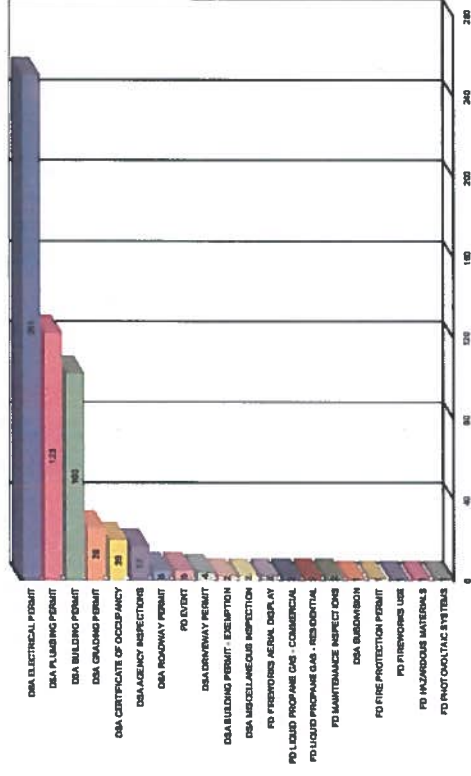
Enforcement Concerns

- DSA's Current Policy is to Limit Code Enforcement to New Permits/ Inspections and Complaint Investigations. No Active Search for Violations.
- County Roadway Lighting is under the Jurisdiction of Public Works Engineering Division. County Parks Lighting is under the jurisdiction of the Department of Parks & Recreation.
- New Outdoor Lighting Regulations will Require Significant Community Outreach and Education to Achieve Compliance.
- DSA Electrical Section is already the Busiest Permit and Inspection Group in the County.
- DSA Electrical Section Currently Issues Over 3000 Permits and Conducts Over 10,000 Site Inspections per Year.
- DSA Electrical Section Includes 10 Positions: 2 Electrical Engineers and 1 Specialty Plans Examiner for Permit Review/ Issuance, 5 Electrical Inspectors for Site Inspections, 1 Clerk for Customer Service, Inspection Scheduling and Processing Payments and 1 Supervisor.
- Additional Regulations Require more Staff time to Review and Issue Permits, and Generates more Public Complaints to be Investigated.
- In Addition to the Outdoor Lighting Requirements, New Energy Code Requirements will Add more Permit Review and Inspection Time.

February 2023 Permit Issuance Counts MAPPS



PERMITS ISSUED BY TYPE (02/01/2023 TO 02/28/2023)
FOR THE COUNTY OF MAUI



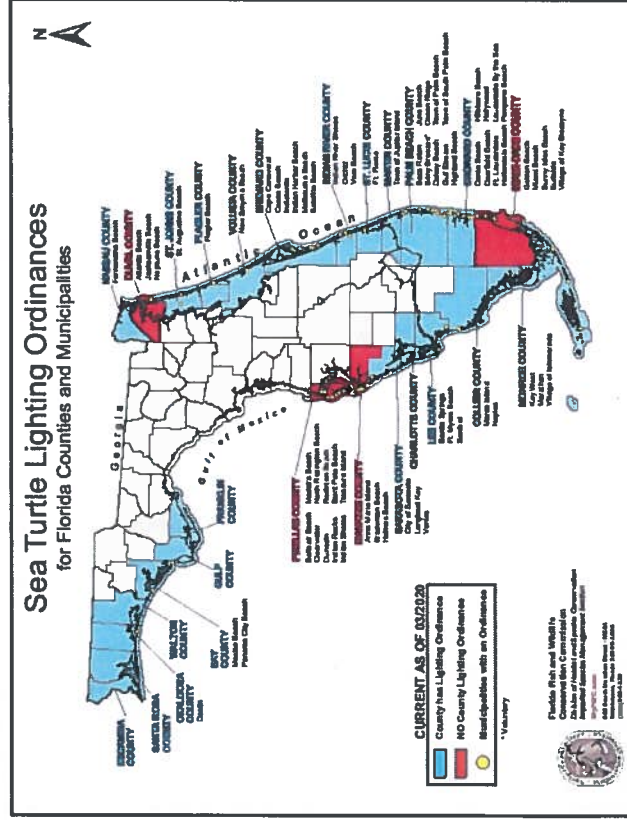
February 2023 Inspection Counts MAPPS

Last Month's Inspections by Inspection Group



Outdoor Lighting Regulations in Other Counties & States

- Hawaii County (Chapter 14 General Welfare, Article 9.) and Maui County have Outdoor Lighting Regulations.
- Florida has the Most Outdoor Lighting Ordinances.



How Other States are working with Homeowners and Businesses to Change Lighting - Sea Turtle Conservancy Video on Lighting Retrofit.

[STC Retrofit With Sea Turtle Friendly Lighting](#)



Conclusion.

- New Outdoor Lighting Requirements will be very Different. The Night Appearance of Commercial Buildings, Hotels and Resorts will be very different.
- Compliance will Require Significant Community Outreach and Education.
- DSA Electrical Section is Already Busy and will be increasing it's Workload.
- New List of Compliant Lighting Fixtures and New Administrative Rules for Mountings Height Restriction are being prepared.
- Questions & Discussion.

